
 MSSRF Science for Sustainable Development	AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: amfu.kannivadi@gmail.com Fax: 044 – 22541319					
	District :	Dindigul	Forecast Period :	27/12/2023	to	
	Bulletin No:	MSSRF/ DGL /103/ 2023	Release Date :	26/12/2023		

Significant past weather	From 22/12/2023 to 25/12/2023
	3 to 3
Parameters	Past Weather
Rainfall (mm)	3.9
Maximum Temperature (°C)	31-32
Minimum Temperature (°C)	21-22
Sky Condition (Octas)	4-6
Relative Humidity (%)	56-86
Wind Speed (kmph)	6-9

Ensemble Weather Forecast
 until **08:30Hrs of 31-12-2024**

Parameters	27-12-2023	28-12-2023	29-12-2023	30-12-2023	31-12-2023
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	1	3	5	5	3
Maximum Temperature (°C)	31	30	30	29	29
Minimum Temperature (°C)	22	21	21	20	20
Sky Condition (Octa)	5	7	8	8	7
Max. Relative Humidity (%)	100	90	90	90	90
Min. Relative Humidity (%)	60	70	70	70	70
Wind Speed (Kmph)	10	10	10	8	8
Wind Direction	NE	NE	NE	NE	NE

SMS Advisory	Chances of light rain during 28, 29, 30 & 31 Dec. Maximum temperature would be in the range of 29°C to 31°C and the minimum temperature would be between 20°C - 22°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 8-10 Kmph from, Northeast direction.
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General Advisory:

Wind with the speed of 8 to 10 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Since cloudy sky with humid weather is prevailing, farmers are advised to use the Blue sticky trap to monitor the aphids, leaf miners and the yellow sticky trap to monitor the incidence of other sucking pests.

Weather Based Agro-Advisories: (Cotton, Tomato & Animal Husbandry).

Cotton:

At this stage, the problem of flower and tender pod or square shedding is noticed in the cotton crop.

To avoid this, farmers are advised to go with a foliar spray of TNAU Cotton Plus @ 2.5 kg/acre in 200 litres of water during the flowering and at the boll formation stages.

It reduces the flower and square shedding, improves boll bursting, increases seed cotton yield, and imparts the drought tolerance capacity of the crop.

Tomato:

There are chances of incidence of sucking pests like leafhoppers, thrips, whitefly, and spiralling whitefly in horticultural crop fields.

Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 10 Nos./acre.

For severe infestation, spray any one of the following, Neem Seed Kernel Extract @ 50g/litre of water or Neem oil @ 30ml per litre of water.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.